L Number	Hits		DB	Time stamp
16	16866	ion with plasma	USPAT;	2002/10/31 11:38
			US-PGPUB	
19	22210	ion with plasma	USPAT;	2002/10/31 11:38
22	106	(ion with plasma) and (ion adi	US-PGPUB	0000/10/21 11 20
. 22	106	(ion with plasma) and ((ion adj source)with(plasma adj chamber))	USPAT; US-PGPUB	2002/10/31 11:39
25	11		USPAT;	2002/10/31 12:07
23	1	source) with (plasma adj chamber))) and	US-PGPUB	2002/10/31 12:07
		(probe)	05 19105	
28	1	(((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:43
		source) with (plasma adj chamber))) and	US-PGPUB	2002, 20, 01 21:10
		(probe)) and ((wien or EXB)adj filter)		
31	4	(((ion with plasma) and ((ion adj	USPAT;	2002/10/31 17:12
		source) with (plasma adj chamber))) and	US-PGPUB	
		(probe)) and filter		İ
34	1	(((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:43
		source) with (plasma adj chamber))) and	US-PGPUB	
2.7	_	(probe)) and (filter with probe)		
37	2	((((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:45
		source) with (plasma adj chamber))) and	US-PGPUB	
`		(probe)) and filter) and (electric adj field)		
43	1	(((((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:45
13	_	source) with (plasma adj chamber))) and	US-PGPUB	2002/10/31 11:45
İ		(probe)) and filter) and ((electric adj	03-FGF0B	
		field)or electrode)) and (controller with		
		detect\$3)		
46	2	(((((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:46
		source) with (plasma adj chamber))) and	US-PGPUB	2002, 10, 31 11.10
		(probe)) and filter) and ((electric adj	00 10105	
		field)or electrode)) and (detect\$3 with		
		ion)		
40	4	((((ion with plasma) and ((ion adj	USPAT;	2002/10/31 11:48
		source)with(plasma adj chamber))) and	US-PGPUB	
		(probe)) and filter) and ((electric adj		
		field)or electrode)		
49	92	((ion with plasma) and ((ion adj	USPAT;	2002/10/31 12:07
		source) with (plasma adj chamber))) and	US-PGPUB	
52	76	<pre>(probe or (detect\$3 or extract\$3)) ((ion with plasma) and ((ion adj</pre>	HODAM.	2000/10/01 10 10
J2	76	source) with (plasma adj chamber))) and	USPAT; US-PGPUB	2002/10/31 12:12
İ	i	((probe or (detect\$3 or extract\$3))near2	03-FGF0B	
		ion)		
55	14	(((ion with plasma) and ((ion adj	USPAT;	2002/10/31 12:08
		source) with (plasma adj chamber))) and	US-PGPUB	,,
	ļ	((probe or (detect\$3 or extract\$3))near2	1	
Ì	i	ion)) and filter		1
58	18	((ion with plasma) and ((ion adj	USPAT;	2002/10/31 13:11
		source) with (plasma adj chamber))) and	US-PGPUB	
		(probe or ((detect\$3 with ion)and(
		<pre>extract\$3 near2 ion)))</pre>		
61	174	(wien or exb)adj filter	USPAT;	2002/10/31 13:11
	100		US-PGPUB	
64	129	((wien or exb)adj filter) and ion	USPAT;	2002/10/31 13:11
67	2.	Abda a a a ha at otto a a a a	US-PGPUB	
67	31	((wien or exb)adj filter) and (ion with	USPAT;	2002/10/31 13:12
73	1	<pre>plasma) (((wien or exb)adj filter) and (ion with</pre>	US-PGPUB	2002/10/21 12:12
′3	- 1	plasma)) and (steel adj strip)	USPAT; US-PGPUB	2002/10/31 13:13
76	0	(((wien or exb)adj filter) and (ion with	USPAT;	2002/10/31 13:13
, ,	٠,	plasma)) and (magnetic adj filed)	US-PGPUB	2002/10/31 13:13
82	0	((((wien or exb)adj filter) and (ion with	USPAT;	2002/10/31 13:14
1	Ĭ	plasma)) and (strip)) and (electric adj	US-PGPUB	2002/10/31 13.14
		filed)	30 10105	
79	10	(((wien or exb)adj filter) and (ion with	USPAT;	2002/10/31 13:23
1	Ī	plasma)) and (strip)	US-PGPUB	
85	1360	(ion adj source) with chamber	USPAT;	2002/10/31 13:25
			US-PGPUB	
88	352	((ion adj source) with chamber) and	USPAT;	2002/10/31 13:27
		((detect\$3 or sens\$3 or prob\$3)near2 ion)	US-PGPUB]

				
91	143	<pre>(((ion adj source) with chamber) and ((detect\$3 or sens\$3 or prob\$3)near2 ion)) and (extract\$3 near2 ion)</pre>	USPAT; US-PGPUB	2002/10/31 13:28
94	52	<pre>((((ion adj source) with chamber) and ((detect\$3 or sens\$3 or prob\$3)near2 ion))</pre>	USPAT; US-PGPUB	2002/10/31 13:28
97	0	<pre>and (extract\$3 near2 ion)) and filter (((((ion adj source) with chamber) and ((detect\$3 or sens\$3 or prob\$3)near2 ion)) and (extract\$3 near2 ion)) and filter) and</pre>	USPAT; US-PGPUB	2002/10/31 13:29
100	0	(vaccuum adj source)	USPAT; US-PGPUB	2002/10/31 13:28
103	27	(vaccuum)	USPAT; US-PGPUB	2002/10/31 13:29
106	7	(electrode with field)	USPAT; US-PGPUB	2002/10/31 13:30
109	7	(electrode with field)) and controller (US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:42
112	0	(US-20010054685-\$).did.	USPAT; US-PGPUB	2002/10/31 16:43
115	5	(US-20010054685-\$).did.) and (steel adj strip) ((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:44
118	0	(US-20010054685-\$).did.) and (coil or strip) (((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:44
121	1	(US-20010054685-\$).did.) and (coil or strip)) and (bias\$3 with (strip or coil)) (((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:44
124	0	(US-20010054685-\$).did.) and (coil or strip)) and (bias\$3) (((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:45
130	0	(US-20010054685-\$).did.) and (coil or strip)) and (vacuum adj source) ((((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:46
127	2	(US-20010054685-\$).did.) and (coil or strip)) and (quadrupole)) and (exb adj2 filter) (((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$).did. or	USPAT; US-PGPUB	2002/10/31 16:49
133	1	(US-20010054685-\$).did.) and (coil or strip)) and (quadrupole) ("5113072").PN.	USPAT;	2002/10/31 16:49
136	1	(("5113072").PN.) and (biased or exb or	US-PGPUB USPAT;	2002/10/31 16:51
139	12	<pre>vacuum or quadrupole or twist\$3) ((quadrupole adj field)and twist\$3)</pre>	US-PGPUB USPAT; US-PGPUB	2002/10/31 16:52
145	1	<pre>((((quadrupole adj field)and twist\$3)) and electrode) and exb</pre>	USPAT; US-PGPUB	2002/10/31 16:53

148	0	((((quadrupole adj field) and twist\$3)) and electrode) and (vaccum adj source)	USPAT; US-PGPUB	2002/10/31 16:53
151	0	((((quadrupole adj field)and twist\$3))	USPAT;	2002/10/31 16:53
142	6	<pre>and electrode) and (vaccum) (((quadrupole adj field) and twist\$3)) and</pre>	US-PGPUB USPAT:	2002/10/31 16:53
		electrode	US-PGPUB	
154	1	("5055696").PN.	USPAT; US-PGPUB	2002/10/31 17:12
157	1	(("5055696").PN.) and EXB	USPAT; US-PGPUB	2002/10/31 17:12
160	8	(US-6101971-\$ or US-5393984-\$ or	USPAT;	2002/10/31 17:17
		US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$ or .	US-PGPUB	
		US-6208711-\$).did. or		
1.60		(US-20010054685-\$).did.		0000/10/21 17 05
163	2	((US-6101971-\$ or US-5393984-\$ or US-4691662-\$ or US-6111250-\$ or	USPAT; US-PGPUB	2002/10/31 17:25
		US-5883391-\$ or US-5113072-\$ or		
		US-6208711-\$).did. or (US-20010054685-\$).did.) and (strip or		<u> </u> :
		rod) and (magnetic adj field)		
166	3	((US-6101971-\$ or US-5393984-\$ or	USPAT;	2002/10/31 17:23
		US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$ or	US-PGPUB	
		US-6208711-\$).did. or		
		(US-20010054685-\$).did.) and (strip or		
169	2	rod) and (magnetic adj field) (({US-6101971-\$ or US-5393984-\$ or	USPAT;	2002/10/31 17:26
109	2	US-4691662-\$ or US-6111250-\$ or	US-PGPUB	2002/10/31 17:20
		US-5883391-\$ or US-5113072-\$ or		
		US-6208711-\$).did. or (US-20010054685-\$).did.) and (strip or		
	-	rod) and (magnetic adj field)) and		
		((electric adj field) or gradient)		
172	5	((US-6101971-\$ or US-5393984-\$ or	USPAT;	2002/10/31 17:26
		US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$ or	US-PGPUB	
		US-6208711-\$).did. or		
		(US-20010054685-\$).did.) and (strip or rod or coil or winding) and (magnetic adj		
		field)		
175	5	(((US-6101971-\$ or US-5393984-\$ or	USPAT;	2002/10/31 17:26
		US-4691662-\$ or US-6111250-\$ or US-5883391-\$ or US-5113072-\$ or	US-PGPUB	
		US-6208711-\$).did. or		
		(US-20010054685-\$).did.) and (strip or rod		
		or coil or winding) and (magnetic adj field)) and ((electric adj field) or		
		gradient)		